

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number  
WO 2005/084536 A1

(51) International Patent Classification<sup>7</sup>: A61B 5/029, 5/026, G06F 19/00

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/AU2005/000311

(22) International Filing Date: 4 March 2005 (04.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 2004901161 5 March 2004 (05.03.2004) AU

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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TI, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

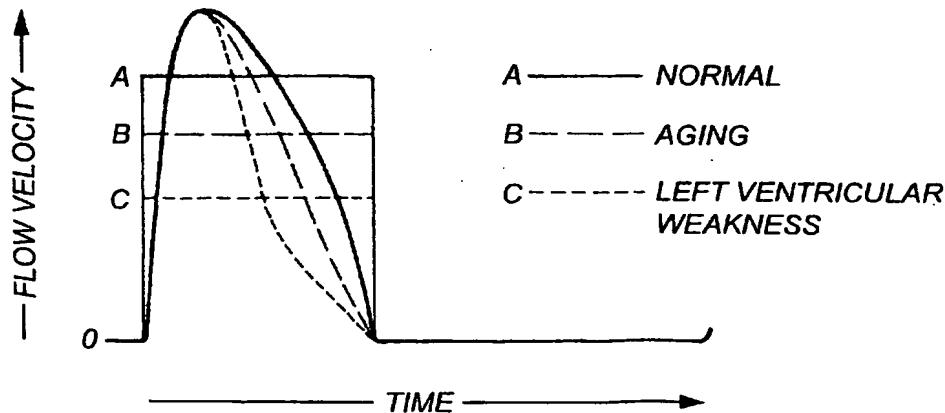
Published:

— with international search report

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR DETERMINATION OF CARDIAC OUTPUT FROM THE ARTERIAL PRESSURE PULSE WAVEFORM

$$V = \frac{P1}{1.05*C}$$



WO 2005/084536 A1

(57) Abstract: A method for calculating aortic flow velocity from the directly or indirectly measured arterial, aortic, or carotid pressure and/or diameter waveform in which the reflected component of the pressure wave is excluded and the peak systolic flow velocity V is calculated from the amplitude P1 of the central pressure waveform using the formula (I) where C is the aortic pulse wave velocity.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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